

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000345**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 10-Oct-2007**Location:** Changxing Island, Shanghai, China

Submittals(New / Total): **CWR's:** 11 / 15 **HSR's:** 0 / 3 **NCR's:** 0 / 10

Item	Title	Detail
1	Critical Weld Repairs (CWRs)	<p>CWR-002 77m Skin Plate A Stiffener MA2-2 (3rd time repair >10% length – previous UT and repair documentation missing)</p> <p>CWR-003 77m Skin Plate A Stiffener MA2-3 (3rd time repair >10% length – previous UT and repair documentation missing)</p> <p>CWR-004 114m Skin Plate B Stiffener MA101-8 (3rd time repair 100% length – previous UT and repair documentation missing)</p> <p>CWR-005 114m Skin Plate A Stiffener MA106-7 (2nd time repair >10% – initial UT and repair documentation missing)</p> <p>CWR-006 114m Skin Plate D Stiffener MA113-5 (1st time repair 80% length)</p> <p>CWR-007 114m Skin Plate D Stiffener MA113-8 (1st time repair 100% length)</p> <p>CWR-008 114m Skin Plate D Stiffener MA113-11 (1st time repair 20% length)</p> <p>CWR-009 114m Skin Plate D Stiffener MA113-14 (1st time repair 100% length)</p> <p>CWR-010 114m Skin Plate E Stiffener MA109-3 (1st time repair 100% length)</p> <p>CWR-011 114m Skin Plate E Stiffener MA109-8 (1st time repair 26% length)</p> <p>CWR-006 114m Skin Plate B Stiffener MA101-8 (2nd time repair >10% – initial UT and repair documentation missing)</p>
2	Major component movement	<p>77m Tower Mock-up: Welding Connection Plates on Skin Plate Stiffeners.</p> <p>89m Tower Mock-up: Welding Skin Plate butt welds.</p> <p>114m Tower Mock-up: Performing weld repairs to internal corner plates.</p>

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3	Meetings attended	<p>QA met with ABF and ZPMC at 1400 to discuss the schedule for the next three days:</p> <p>RT Schedule in Shanghai tomorrow for welder qualifications.</p> <p>Bending of flange plates for 89m Mock-up Diaphragm (type 2) tomorrow.</p> <p>Verification of weld trial material and check samples scheduled for 8am tomorrow.</p> <p>77m Tower Mock-up:</p> <p>Skin A awaiting CWR for 3rd time repair,</p> <p>Installing Connection Plates on Skin Plate D</p> <p>Diaphragms pending new flange plates from Wuxi Boiler.</p> <p>89m Tower Mock-up:</p> <p>Welding Skin Plate butt joints</p> <p>114m Tower Mock-up:</p> <p>Skin Plate Stiffeners awaiting proposal to reduce repair rate.</p>
4	Key conversations	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues related to fabrication:</p> <p>ZPMC brought up material issues with ABF regarding Check Samples, verification of 10 plates for the Closed-rib Weld Trials, and MTR's for the mock-up angle. All of these items are currently internal issues between ABF and ZPMC, and ABF stated they are in the process of dealing with these issues.</p> <p>ZPMC asked if they could proceed with welding of the PJP portion of the stiffener to skin plate welds. ABF QCM Steve Lawton stated that ZPMC cannot proceed until the quality issue is addressed.</p> <p>Caltrans asked ABF and ZPMC to look into the storage of steel plates. QA had observed plate did not appear to be stored in a manner to prevent damage.</p> <p>Caltrans asked about the scheduling of Fabrication for the OBG Bottom and Side plates scheduled for Monday. ZPMC appeared to not know about this and would like to schedule a meeting for Monday to discuss the start of fabrication.</p>
5	Quality Assurance Inspectors per shift	<p>3 Day Shift (Acuna, Brannon, Viars)</p> <p>3 Swing Shift (Berger, Dixon, Smith)</p> <p>2 Graveyard Shift (Hasler, Hernandez)</p>
Inspected By: McClary, David		Quality Assurance Inspector
Reviewed By: Lowry, Patrick		QA Reviewer